

2515447\_1.TXT

## SEQUENCE LISTING

<110> Ekberg, Karin  
Sima, Anders

<120> THERAPEUTIC APPLICATIONS FOR C-PEPTIDE

<130> FDEHN10.001APC

<150> PCT/GB2004/004341

<151> 2004-10-14

<150> GB 0323979.5

<151> 2003-10-13

<160> 31

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 31

<212> PRT

<213> Homo sapiens

<400> 1

Glu	Ala	Glu	Asp	Leu	Gln	Val	Gly	Gln	Val	Glu	Leu	Gly	Gly	Gly	Pro
1				5				10					15		
Gly	Ala	Gly	Ser	Leu	Gln	Pro	Leu	Ala	Leu	Glu	Gly	Ser	Leu	Gln	
			20				25						30		

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> C-peptide fragment

<400> 2

Glu	Gly	Ser	Leu	Gln
1			5	

<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> C-peptide fragment

<400> 3

Glu	Leu	Gly	Gly	Gly	Pro	Gly	Ala	Gly
1				5				

<210> 4

<211> 4

<212> PRT

<213> Artificial Sequence

<220>  
<223> C-peptide fragment

<400> 4  
Glu Leu Gly Gly  
1

<210> 5  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> C-peptide fragment

<400> 5  
Glu Leu Gly Gly Gly Pro  
1 5

<210> 6  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> C-peptide fragment

<400> 6  
Gly Gly Pro Gly Ala  
1 5

<210> 7  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> C-peptide fragment

<400> 7  
Gly Ser Leu Gln  
1

<210> 8  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> C-peptide fragment

<400> 8  
Glu Ala Glu Asp Leu Gln Val Gly Ala Val Glu Leu  
1 5 10

<210> 9  
<211> 31

2515447\_1.TXT

<212> PRT

<213> Pan troglodytes

<400> 9

Glu Ala Glu Asp Leu Gln Val Gly Gln Val Glu Leu Gly Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln  
 20 25 30

<210> 10

<211> 29

<212> PRT

<213> Aotus trivirgatus

<400> 10

Glu Ala Glu Asp Leu Gln Val Gly Gln Val Glu Leu Gly Gly Gly Ser  
 1 5 10 15  
 Ile Thr Gly Ser Leu Pro Pro Leu Glu Gly Pro Met Gln  
 20 25

<210> 11

<211> 32

<212> PRT

<213> Macaca fascicularis

<400> 11

Glu Ala Glu Asp Pro Gln Val Gly Gln Val Glu Leu Cys Ser Gly Gly  
 1 5 10 15  
 Pro Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln  
 20 25 30

<210> 12

<211> 31

<212> PRT

<213> Cercopithecus aethiops

<400> 12

Glu Ala Glu Asp Pro Gln Val Gly Gln Val Glu Leu Gly Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Ser Leu Gln Pro Leu Ala Leu Glu Ser Ser Leu Gln  
 20 25 30

<210> 13

<211> 29

<212> PRT

<213> Sus sp.

<400> 13

Glu Ala Glu Asn Pro Gln Ala Gly Ala Val Glu Leu Gly Gly Gly Leu  
 1 5 10 15  
 Gly Gly Leu Gln Ala Leu Ala Leu Glu Gly Pro Pro Gln  
 20 25

<210> 14

<211> 26

<212> PRT

<213> Artificial Sequence

2515447\_1.TXT

<220>

<223> Boven C-peptide

<400> 14

Glu Val Glu Gly Pro Gln Val Gly Ala Leu Glu Leu Ala Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Gly Leu Glu Gly Pro Pro Gln  
 20 25

<210> 15

<211> 31

<212> PRT

<213> Equus sp.

<400> 15

Glu Ala Glu Asp Pro Gln Val Gly Glu Val Glu Leu Gly Gly Gly Pro  
 1 5 10 15  
 Gly Leu Gly Gly Leu Gln Pro Leu Ala Leu Ala Gly Pro Gln Gln  
 20 25 30

<210> 16

<211> 26

<212> PRT

<213> Ovis sp.

<400> 16

Glu Val Glu Gly Pro Gln Val Gly Ala Leu Glu Leu Ala Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Gly Leu Glu Gly Pro Pro Gln  
 20 25

<210> 17

<211> 31

<212> PRT

<213> Canis sp.

<400> 17

Glu Val Glu Asp Leu Gln Val Arg Asp Val Glu Leu Ala Gly Ala Pro  
 1 5 10 15  
 Gly Glu Gly Gly Leu Gln Pro Leu Ala Leu Glu Gly Ala Leu Gln  
 20 25 30

<210> 18

<211> 30

<212> PRT

<213> Oryctolagus cuniculus

<400> 18

Glu Val Glu Leu Gln Val Gly Gln Ala Glu Leu Gly Gly Gly Pro Gly  
 1 5 10 15  
 Ala Gly Gly Leu Gln Pro Ser Ala Leu Glu Leu Ala Leu Gln  
 20 25 30

<210> 19

<211> 29

<212> PRT

<213> Rattus sp.

2515447\_1.TXT

<400> 19  
 Glu Val Glu Asp Pro Gln Tyr Pro Gln Leu Glu Gly Gly Pro Glu Ala  
 1 5 10 15  
 Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln  
 20 25

<210> 20  
 <211> 31  
 <212> PRT  
 <213> Rattus sp.

<400> 20  
 Glu Val Glu Asp Pro Gln Val Ala Gln Leu Glu Leu Gly Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln  
 20 25 30

<210> 21  
 <211> 31  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Ins Rodent C-peptide

<400> 21  
 Glu Val Glu Asp Pro Gln Val Gly Gln Val Glu Leu Gly Ala Gly Pro  
 1 5 10 15  
 Gly Ala Gly Ser Glu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln  
 20 25 30

<210> 22  
 <211> 29  
 <212> PRT  
 <213> Mus sp.

<400> 22  
 Glu Val Glu Asp Pro Gln Val Glu Gln Leu Glu Leu Gly Gly Ser Pro  
 1 5 10 15  
 Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln  
 20 25

<210> 23  
 <211> 31  
 <212> PRT  
 <213> Mus sp.

<400> 23  
 Glu Val Glu Asp Pro Gln Val Ala Gln Leu Glu Leu Gly Gly Gly Pro  
 1 5 10 15  
 Gly Ala Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Gln Gln  
 20 25 30

<210> 24  
 <211> 31  
 <212> PRT  
 <213> Cavia porcellus

2515447\_1.TXT

<400> 24  
 Glu Leu Glu Asp Pro Gln Tyr Glu Gln Thr Glu Leu Gly Met Gly Leu  
   1                  5                  10                  15  
 Gly Ala Gly Gly Leu Gln Pro Leu Ala Leu Glu Met Ala Leu Gln  
                   20                  25                  30

<210> 25  
 <211> 31  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Crilo C-peptide

<400> 25  
 Gly Tyr Glu Asp Pro Gln Val Ala Gln Leu Glu Leu Gly Gly Gly Pro  
   1                  5                  10                  15  
 Gly Ala Asp Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Gln Gln  
                   20                  25                  30

<210> 26  
 <211> 31  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Ins Psaob C-peptide

<400> 26  
 Gly Tyr Asp Asp Pro Gln Met Pro Gln Leu Glu Leu Gly Gly Ser Pro  
   1                  5                  10                  15  
 Gly Ala Gly Asp Leu Arg Ala Leu Ala Leu Glu Val Ala Arg Gln  
                   20                  25                  30

<210> 27  
 <211> 29  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Ins Ocide C-peptide

<400> 27  
 Glu Leu Glu Asp Leu Gln Val Glu Gln Ala Glu Leu Gly Leu Glu Ala  
   1                  5                  10                  15  
 Gly Gly Leu Gln Pro Ser Ala Leu Glu Met Ile Leu Gln  
                   20                  25

<210> 28  
 <211> 18  
 <212> PRT  
 <213> Mus spretus

<400> 28  
 Gly Gly Pro Gly Ala Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala  
   1                  5                  10                  15  
 Gln Gln

2515447\_1.TXT

<210> 29  
 <211> 16  
 <212> PRT  
 <213> Mus spretus

<400> 29  
 Gly Ser Pro Gly Asp Leu Gln Thr Leu Ala Leu Glu Val Ala Arg Gln  
 1 5 10 15

<210> 30  
 <211> 28  
 <212> PRT  
 <213> Anas sp.

<220>  
 <221> VARIANT  
 <222> 27, 28  
 <223> Xaa = Any Amino Acid

<400> 30  
 Asp Val Glu Gln Pro Leu Val Asn Gly Pro Leu Lys Gly Glu Val Gly  
 1 5 10 15  
 Glu Leu Pro Pro Gln His Glu Glu Tyr Gln Xaa Xaa  
 20 25

<210> 31  
 <211> 28  
 <212> PRT  
 <213> Gallus sp.

<400> 31  
 Asp Val Glu Gln Pro Leu Tyr Ser Ser Pro Leu Lys Gly Glu Ala Gly  
 1 5 10 15  
 Tyr Leu Pro Pro Gln Gln Glu Glu Tyr Glu Lys Val  
 20 25